Honors Earth/Environmental Curriculum Support Document

Honors Courses in North Carolina: Science
Honors Science Courses

All of the honors science courses share the following characteristics and assumptions:

- Students enrolled in honors courses will learn the material in the standard course of study for the course at greater depth than in the standard level version of the course. The support documents for the course include appropriate honors extensions by objective.
- Students enrolled in the honors version of the course will take the same EOC as students enrolled in the standard level version of the course.
- Students who choose an honors science course are expected to work more independently than students in standard level courses.
- Because students can be expected to cover the standard level material more independently there will be time for more enrichment topics as specified in the course descriptions for specific honors courses.
- Students who choose an honors science course will be expected to complete more independent in-depth scientific investigations and to report on them using a more formal scientific laboratory report format.
- Students who choose an honors science course will be expected to read about recent scientific research and present their findings orally and in writing.

Many of the materials and activities suggested for honors courses will also be appropriate for some students enrolled in standard level versions of the course. The difference may be in the level of independence expected of students and the amount of time activities may take. All students, not just those in honors courses, should experience challenging work and some level of independent inquiry in their science courses. Teachers should include some of the enrichment topics for all students.

Definition of Honors Science Courses

Honors science courses are designed to demand more challenging involvement than standard science courses. They must be demonstrably more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors science courses should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required.

Purposes of Honors Science Courses

Honors science courses should be designed for students who have demonstrated an advanced level of interest and achievement in a given subject area. The rationale for honors courses is not to provide a means to attract students to enroll in classes for additional credit, but rather to offer challenging, higher level courses for students who aspire to an advanced level of learning. Furthermore, students and parents should be informed that honors science courses are more demanding and have requirements beyond those of standard science courses.

Honors courses should be developed as an integral component of a differentiated program of study that provides an array of opportunities for all students based on their aptitudes, affinities, and interests.